DECLARATION FOR NON-PROVISIONAL PATENT APPLICATION'

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. beneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

TUMOR ABLATION NEEDLE WITH INDEPENDENTLY ACTIVATED AND INDEPENDENTLY TRAVERSING TINES

and for which a patent application:

is attached hereto and includes amendment(s) filed on (if applicable)

was filed in the United States on July 2, 2001 as Application No.09/897,483 (for declaration not accompanying application)

with amendment(s) filed on (if applicable)

□ was filed as PCT international Application No. on and was amended under PCT Article 19 on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICAT	EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION				
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED		
771111 To the second of the se	~·····		YES - NO -		
	·	·	YES - NO -		
			YES - NO -		

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

PROVISIONAL APPLICATION NUMBER	FILING DATE	
60/216,198	July 6, 2000	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

NON-PROVISIONAL		STATUS		
APPLICATION SERIAL NO.	FILING DATE	PATENTED	PENDING	ABANDONED

(1)

^{*} for use only when the application is assigned to a company, partnership or other organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

		LAST NAME	FIRST NAME	MIDDLE NAME	
- 1	FULL NAME OF INVENTOR	Schaefer	Dean	A.	
2	RESIDENCE & CITIZENSHIP	CITY Alton	STATE OR FOREIGN COUNTRY New Hampshire	COUNTRY OF CITIZENSH United States	IP
	POST OFFICE	STREET 196 Alton Mt. Rd.	CITY	STATE OR COUNTRY New Hampshire	ZIP CODE 03810
ı	ADDRESS	SIGNATURE OF INVENTOR 201		DATE	
	FULL NAME OF INVENTOR	LAST NAME Paulk	FIRST NAME David	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Hopedal	STATE OR FOREIGN COUNTRY MA	COUNTRY OF CITIZENSH United States	IP
	POST OFFICE ADDRESS	STREET 19 Bensway	сітч Hopedal	STATE OR COUNTRY MA	ZIP CODE 01747-2008
		SIGNATURE OF INVENTOR 202	4	October 2	2001
	FULL NAME OF INVENTOR	LAST NAME Sherry	FIRST NAME John	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Watertown	STATE OR FOREIGN COUNTRY MA	COUNTRY OF CITIZENSH United States	IP
	POST OFFICE ADDRESS	STREET 480 Pleasant Street	CITY Watertown	STATE OR COUNTRY MA	ZIP CODE 02472
		SIGNATURE OF INVENTOR 203		DATE	
	FULL NAME OF INVENTOR		FIRST NAME	MIDDLE NAME	
			FIRST NAME STATE OR FOREIGN COUNTRY		(P
	OF INVENTOR RESIDENCE &	LAST NAME		MIDDLE NAME	IP ZIP CODE
	OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE	LAST NAME CITY	STATE OR FOREIGN COUNTRY	MIDDLE NAME COUNTRY OF CITIZENSH	<u></u>
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	POST OFFICE ADDRESS FULL NAME OF INVENTOR RESIDENCE &	LAST NAME CITY STREET SIGNATURE OF INVENTOR 204 LAST NAME	CITY FIRST NAME	MIDDLE NAME COUNTRY OF CITIZENSH STATE OR COUNTRY DATE MIDDLE NAME	ZIP CODE

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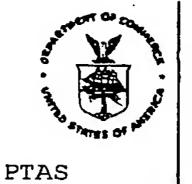
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

	FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME	
2	OF INVENTOR	Schaefer	Dean	A.	
2 0	RESIDENCE &	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENS	HIP
1	CITIZENSHIP	Alton	New Hampshire	United States	
	POST OFFICE	STREET	CITY	STATE OR COUNTRY	ZIP CODE
•	ADDRESS	196 Alton Mt. Rd.	Alton	New Hampshire	03810
		SIGNATURE OF INVENTOR 201		DATE	
.,	FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME	
	OF INVENTOR	Paulk	David	j	
2	DECIDENCE 6	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSI	
0	RESIDENCE & CITIZENSHIP	Hopedal	MA	United States	
		STREET	СІТҮ	STATE OR COUNTRY	ZIP CODE
	POST OFFICE ADDRESS	. 19 Bensway	Hopedal	MA	01747-2008
'		SIGNATURE OF INVENTOR 202		DATE	. <u></u>
		LAST NAME	FIRST NAME	MIDDLE NAME	
	FULL NAME OF INVENTOR	Sherry	John	MIDDLE NAME	
2		CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSI	
0	RESIDENCE & CITIZENSHIP	Watertown	MA	United States	
<i>'</i>		STREET	СПУ		T ======
	POST OFFICE ADDRESS	480 Pleasant Street	Watertown	STATE OR COUNTRY MA	21P CODE 02472
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		John U	my	[10 [7] 0]	
		LAST NAME	FIRST NAME	MIDDLE NAME	
	FULL NAME OF INVENTOR			MIDDLE NAME	
2		СПУ	STATE OR FOREIGN COUNTRY	COLDEDA OF CHILENON	
0	RESIDENCE & CITIZENSHIP		STATE OR POREIGN COUNTRY	COUNTRY OF CITIZENSH	IP
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L,	ADDRESS				
		SIGNATURE OF ENVENTOR 204		DATE	
	FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME	<u> </u>
	OF INVENTOR				
$\begin{bmatrix} 2 \\ 0 \end{bmatrix}$	RESIDENCE &	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHI	P
5	CITIZENSHIP				
	POST OFFICE	STREET	CITY	STATE OR COUNTRY	ZIP CODE
	ADDRESS				
_		SIGNATURE OF INVENTOR 205		DATE	
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FULL NAME OF INVENTOR	LAST NAME Schaefer	FIRST NAME Dean	MIDDLE NAME A.	
RESIDENCE & CITIZENSHIP	спу Aliso Viejo	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSH United States	IP
POST OFFICE ADDRESS	STREET 29 Aurora	стту Aliso Viejo	STATE OR COUNTRY California	2IP CODE 92656
	signature of inventor 201	yes	DATE 1/23/02	
FULL NAME OF INVENTOR	LAST NAME Paulk	FIRST NAME David	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY Hopedal	STATE OR FOREIGN COUNTRY MA	COUNTRY OF CITIZENSH United States	IP
POST OFFICE ADDRESS	STREET 19 Bensway	сту Hopedal	STATE OR COUNTRY MA	ZIP CODE 01747-2008
	SIGNATURE OF INVENTOR 202		DATE	<u> </u>
FULL NAME OF INVENTOR	LAST NAME Sherry	FIRST NAME John	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY Watertown	STATE OR FOREIGN COUNTRY MA	COUNTRY OF CITIZENSH United States	IP
POST OFFICE ADDRESS	STREET 480 Pleasant Street	CITY Watertown	STATE OR COUNTRY MA	ZIP CODE 02472
	SIGNATURE OF INVENTOR 203		DATE	
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SIGNATURE OF INVENTOR 205

DATE



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

MARCH 27, 2003

DAVID T. BURSE BINGHAM MCCUTCHEN LLP THREE EMBARCADDERO, STE 800 SAN FRANCISCO, CA 94111-4067

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UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-1, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/26/2003

REEL/FRAME: 013515/0380

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BOSTON SCIENTIFIC CORPORATION

DOC DATE: 03/20/2003

ASSIGNEE:

SCIMED LIFE SYSTEMS, INC.
ONE SCIMED PLACE
ONE SCIMED PLACE
MAPLE GROVE, MINNESOTA 55311-1566

SERIAL NUMBER: 09897483

PATENT NUMBER:

FILING DATE: 07/02/2001

ISSUE DATE:

VIOLET MCCOY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

BINGHAM MCCUTCHEN LLP 03/26/2003 700026719

2003

1-91-92 RECORDATION FORM PATENTS				U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
Doc	Ket No. 24728-7031452001	PAIGNIS	UIYLT			
To	To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.					
1.	Name of conveying party(ies):	2. Name and address of reci	eiving party:		
	Boston Scientific Corporat	ion	Name: Scimed Life Systems,	nc.		
	· ·	veying party(les) attached?				
	☐ Yes ☒ No	· · · · · · · · · · · · · · · · · · ·	Internal Address: One Scimed	Place		
3.	Nature of conveyance:	F-1				
		☐ Merger	City: Maple Grove	State: MN Zip: <u>55311-1566</u>		
	Security Agreement	☐ Change of Name				
	C Other		Street Address: One Scimed P	lace		
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	Execution Date: March 20	3003	City: Maple Grove	State: MN 21p: 55311-1566		
	LAGOUION Date. MAICH 20	7, 2003	Additional name (a) 6 address (ant attended? [7] Voc [7] Ma		
1	Application number(s) or p	solont sumbarials	Additional hame(s) & address	es) atlached? Yes No		
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	n dus document is	being filed together with a new app	1	e application is:		
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			eched? Tes No			
5.	Name and address of part	y to whom correspondence	6. Total number of application	one and patents involved:		
	concerning document sho	uld be mailed:				
	Name: <u>David T. Burse</u>	•	7. Total fee (37 CFR 3.41):	\$ 40.00		
	Internal Address: BINGHA	MACHTOUGH II B	☐ Enclosed			
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		ncisco, CA 94111-4067	Charge this Deposit required	Account if any additional fee is		
		100001 07 04111 4001	. required			
			8. Deposit Account Number	50-2518		
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9.	Statement and signature:					
	To the best of my knowled original document.	ige and belief, the foregoing informat	tion is true and correct and any a	attached copy is a true copy of the		
	original document.		- 1- 1	_		
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· Dav	vid T. Burse, Reg No. 37,10)4	Daux.			
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DAVID T. BURSE

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FORM PTO-1595 1-31-92 RECORDATION FOR PATENTS			U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office			
	ket No. 24728-7031452001					
To the Honorable Commissioner of Patents and Trademarks. Pleas 1. Name of conveying party(ies):		se record the attached original of 2. Name and address of record				
	Boston Scientific Corporat	·	Name: Scimed Life Systems,			
	•	veying party(ies) attached?				
	☐ Yes ⊠ No		Internal Address: One Scimed	Place		
3.	Nature of conveyance:					
	Assignment	☐ Merger	City: Maple Grove	State: MN Zip: <u>55311-1566</u>		
	Security Agreement	Change of Name		N -		
	Other		Street Address: One Scimed F	lace		
			City: Maple Grove	State: MN 7in: 55311-1566		
	Execution Date: March 20	0, 2003	Oity. Maple Glove	Otate. MIN 21p. 33011-1300		
			Additional name(s) & address(es) attached? Yes No		
4.	Application number(s) or p	patent number(s):				
	If this document is	s being filed together with a new app	lication, the execution date of th	e application is:		
A.	Patent Application No(s).:	09/897,483	B. Patent No(s).:			
	·	Additional numbers atta	ached? Yes No			
5.	Name and address of part concerning document sho	ty to whom correspondence uld be mailed:	6. Total number of application	ons and patents involved:		
	Name: David T. Burse		7. Total fee (37 CFR 3.41):	\$ 40.00		
			☐ Enclosed	,		
	Internal Address: BINGHA					
		mbarcadero, Ste 800		Account if any additional fee is		
	San Fia	ncisco, CA 94111-4067	required			
			8. Deposit Account Number	: 50-2518		
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9.	Statement and signature:		•			
	To the best of my knowled	dge and belief, the foregoing informat	tion is true and correct and any	attached conv is a true conv of the		
	original document	age and belief, are reregeling informati		andonou copy to a nucleopy of the		
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			tents and Trademarks	AUDIT IO.		
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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, Scott Bluni, a citizen of United States, on behalf of **Boston Scientific**Corporation, a Delaware Corporation having its principal place of business at One Boston

Scientific Place, Natick, Massachusetts 01760-1537 (hereinafter referred to as "ASSIGNOR"), own a certain invention entitled TUMOR ABLATION NEEDLE WITH INDEPENDENTLY

ACTIVATED AND INDEPENDENTLY TRAVERSING TINES by virtue of a chain of title from the inventors in recorded assignment under Reel 012491 Frame 0084; and for which application for Letters Patent of the United States of America has been filed on July 2, 2001, with serial No. 09/897,483; and

WHEREAS, Scimed Life Systems, Inc., a corporation organized and existing under and by virtue of the laws of the state of Minnesota and having its principal place of business at One Scimed Place, Maple Grove, MN 55311-1566 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and

Docket 24728-7031452001

ASSIGNOR hereby authorize and request the United States Commissioner of Patents and

Trademarks, and any officials of foreign countries whose duty it is to issue patents or any legal

equivalent thereof, to issue said patents to ASSIGNEE, its successors and assigns, in accordance

with this Assignment.

ASSIGNOR hereby covenant that no assignment, sale, agreement or encumbrance has been

or will be made or entered into which would conflict with this Agreement;

ASSIGNOR further covenant that ASSIGNEE will, upon its request, be provided promptly

with all pertinent facts and documents relating to said application, said invention and said Letters

Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to

the same in any interference or litigation related thereto and will promptly execute and deliver to

ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to

apply for, obtain, maintain, issue and enforce said application, said invention and said Letters

Patent and said equivalents in the United States or in any foreign country, which may be necessary

or desirable to carry out the purposes thereof.

Boston Scientific Corporation

Dated: 20 MARCH 2003

Name: Scott Bluni
Title: Assistant Sr. Pakent Countil

Page 2 of 2



MARCH 19, 2002

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PENNIE & EDMONDS LLP GIDON D. STERN 1155 AVENUE OF THE AMERICAS NEW YORK, N.Y. 10036-2711 Chief Information Officer Washington, DC 20231 www.uspto.gov



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UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/07/2002

REEL/FRAME: 012491/0084

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SCHAEFER, DEAN

DOC DATE: 11/14/2001

ASSIGNEE:

BOSTON SCIENTIFIC CORPORATION ONE BOSTON SCIENTIFIC PLACE NATICK, MASSACHUSETTS 01760-1537

SERIAL NUMBER: 09897483

PATENT NUMBER:

FILING DATE: 07/02/2001

ISSUE DATE:

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

REFERRED TO B. REC'D

MAR 2 6 2002

Pennie & Edmonds O.K. for filing 101961250

Attorney Docket Number 10177-020-999

THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS

Box Assignment Washington, DC 20231

1. Name of conveying party(ies): Dean Schaefer Additional name(s) of conveying party(ies) attached? □ Yes ⋈ No 3. Nature of conveyance: Assignment □ Merger □ Change of Name □ Other Execution Date: November 14, 2001 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A Patent Application No.(s) 09/897,483 B. Patent No.(s) Additional numbers attached? □ Yes ⋈ No 5. Name and address of party to whom correspondence concerning document should be mailed: PENNIE & EDMONDS □ PIENSE & EDMONDS □ PIENSE & EDMONDS □ PIENSE & EDMONDS □ PIENSE & EDMONDS □ PIESS Charge to the deposit account listed in Section 8. DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Gidon D. Stern 27469 Name of Person Signing Reg. No. 2. Name and address of receiving party(ies): Name: Boston Scientific Corporation Address: One Boston Scientific Place Natick, MA 01760-1537 Country (if other than USA): Statick, MA 01760-1537 Country (if other than USA): Natick, MA 01760-1537 Country (if other than USA): B. Patent No.(s) 6. Number of application is: and patent No.(s) Please (37 CFR 3.41): B. Patent No.(s) One 7. Total fee (37 CFR 3.41): B. Patent No.(s) One Please charge to the deposit account listed in Section 8. Please charge to the deposit account listed in Section 8. Poposit account number: 16-1150 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Gidon D. Stern 27469 Signature Date Total number of pages including cover sheet: 3	Please record the attached original documents or copy thereof.			
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Additional name(s) of conveying party(ies) attached? □ Yes ❷ No 3. Nature of conveyance: Address: One Boston Scientific Place Natick, MA 01760-1537 Country (if other than USA): □ Other Execution Date: November 14, 2001 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A Patent Application No.(s) 09/897,483 B. Patent No.(s) Additional numbers attached? □ Yes ❷ No 5. Name and address of party to whom correspondence concerning document should be mailed: PENNIE & EDMONIDS □ 1155 Avenue of Americas New York, N.Y. 10036-2711 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Gidon D. Stern 27469 Name of Person Signing Reg. No. Panuary 7, 2002 Date	Dean Schaefer 1_7_02	Name: Boston Scientific Corporation		
Nature of conveyance: Natick, MA 01760-1537 Country (if other than USA): Country (if other than USA):		Address: One Boston Scientific Place		
Country (if other than USA): Country (if other than USA):	3. Nature of conveyance:	Address. One Bester Selentine Frace		
D Other	■ Assignment	Natick, MA 01760-1537		
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Name of Person Signing Reg. No. Signature Date	Gidon D. Stern 27469	January 7, 2002		
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WHEREAS, WE, Dean A. Schaefer, David Paulk, and John Sherry, ASSIGNORS, citizens of the United States, residing at 196 Alton Mt. Rd., Alton, New Hampshire; 19 Bensway Hopedal, MA; and 480 Pleasant St., Wartertown, MA, are the inventors of the invention in TUMOR ABLATION NEEDLE WITH INDEPENDENTLY ACTIVATED AND INDEPENDENTLY TRAVERSING TINES for which we have executed an application for a Patent of the United States □ which is executed on □ even date herewith or which is identified by Pennie & Edmonds LLP docket no. 10177-020-999 which was filed on July 2, 2001, Application No. 09/897,483 and WHEREAS, Boston Scientific Corporation, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application: NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument. AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith. AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries. IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures. , 2001 L.S. Date 2001 _L.S.

the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon

On Annember 14,2001, before me,

behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

NY2 - 1230233.1

Notary Public.

, personally known to me on the basis of satisfactory evidence to be

NOTARY PUBLIC-CALIFORNIA ORANGE COUNTY

State of) SS.:	
County of) SS	
m ms/ner/men aut	ed, 2001, before me, e name(s) is subscribed to the within ins norized capacity(ies), and that by his/her e person(s) acted, executed the instrum	personally known to me on the basis of satisfactory evidence to be strument and acknowledged to me that he/she/they executed the same r/their signature(s) on the instrument the person(s), or the entity upon nent.
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Name of Person Signing

PATENTS ONLY

Attorney Docket Number _10177-020-999

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Box Assignment

Washington, DC 20231

Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): 1-7-02 Dean Schaefer Boston Scientific Corporation Name: Additional name(s) of conveying party(ies) attached? □ Yes ⊠ No Address: One Boston Scientific Place 3. Nature of conveyance: Natick, MA 01760-1537 ■ Assignment □ Merger Country (if other than USA): □ Security Agreement □ Change of Name □ Other _____ Execution Date: November 14, 2001 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 09/897,483 Additional numbers attached? □ Yes ⋈ No Name and address of party to whom correspondence 6. Number of applications concerning document should be mailed: and patents involved: One PENNIE & EDMONDS LLP 7. Total fee (37 CFR 3.41):....\$ 40.00 1155 Avenue of Americas Please charge to the deposit account listed in Section 8. New York, N.Y. 10036-2711 8. Deposit account number: 16-1150 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Gidon D. Stern January 7, 2002

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Date

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WHEREAS, WE, Dean A. Schaefer, David Paulk, and John Sherry, ASSIGNORS, citizens of the United States, residing at 196 Alton Mt. Rd., Alton, New Hampshire; 19 Bensway Hopedal, MA; and 480 Pleasant St., Wartertown, MA, are the inventors of the invention in TUMOR ABLATION NEEDLE WITH INDEPENDENTLY ACTIVATED AND INDEPENDENTLY TRAVERSING TINES for which we have executed an application for a Patent of the United States even date herewith or □ which is executed on which is identified by Pennie & Edmonds LLP docket no. 10177-020-999 which was filed on July 2, 2001, Application No. 09/897,483 and WHEREAS, Boston Scientific Corporation, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application: NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument. AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith. AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries. IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures. 114/01, 2001 L.S. 2001 Date Notary Public, 2001, before me, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon

behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

NY2 - 1230233.1

JORDAN T. LEVINE

NOTARY PUBLIC-CALIFORNIA ORANGE COUNTY My Term Exp. Sept. 17, 2004

State of)) SS.:			
County of)			
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State of County of	} ss.:			- •
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MARCH 02, 2002

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PENNIE & EDMONDS LLP GIDON D. STERN 1155 AVENUE OF AMERICAS NEW YORK, N.Y. 10036-2711



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NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SHERRY, JOHN

DOC DATE: 10/17/2001

ASSIGNOR:

PAULK, DAVID

DOC DATE: 10/02/2001

ASSIGNEE:

BOSTON SCIENTIFIC CORPORATION ONE BOSTON SCIENTIFIC PLACE NATICK, MASSACHUSETTS 01760-1537

SERIAL NUMBER: 09897483 √

PATENT NUMBER:

FILING DATE: 07/02/2001

ISSUE DATE:

MARY BENTON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

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Bran Kenny

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Attorney Docket Number 10177-020-999

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	1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
	John Sherry and David Paulk	Name: Boston Scientific Corporation	
	Additional name(s) of conveying party(ies) attached? □ Yes ☒ No	Alles One Destan Scientific Dlace	
	3. Nature of conveyance:	Address: One Boston Scientific Place	
		Natick, MA-01760-1537	
	□ Security Agreement □ Change of Name	Country (if other than USA):	
	□ Other		
	Execution Date: October 17, 2001 and October 2, 2001	'	
	4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution	n date of the application is:	
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01/1	/2002 AAHNED1 00000163 161150 09897483	8. Deposit account number: 16-1150	
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	To the best of my knowledge and belief, the foregoing information is tradocument.	ue and correct and any attached copy is a true copy of the original	
	Gidon D. Stern 27,469 Lidon	October 18, 2001	
	Name of Person Signing Reg. No. Signature J. Total	number of pages including cover sheet: Date	
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the said invention and the said application:	WHEREAS, WE, David Paulk, and John Sherry, ASSIGNORS, citizens of the United States, residing at 19 Bensway Hopedal, MA, 01747; and 480 Pleasant St., Wartertown, MA, 02472 are the inventors of the invention in TUMOR ABLATION NEEDLE WITH INDEPENDENTLY ACTIVATED AND INDEPENDENTLY TRAVERSING TINES for which we have executed an application for a Patent of the United States
and WHEREAS, Boston Scientific Corporation, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application: NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNORS, have sold and ill divisions and all divisions, and assign, and designs which may hereafter be filled for said invention in any country or countries force the international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms be granted for said invention in any country or countries forcing in the United States, and all extensions, remeals and request the Commissioner of Patents and Trademarks of the United States, and any of the countries forcing in the United States, and all extensions, remeals and request the Commissioner of Patents and Trademarks of the United States, and set of the said ASSIGNEE, its successory, legal representatives and assigns, an accordance with the terms of this instrument. AND WE HEREBY over over and and official seal	□ which is executed on □ even date herewith or □
NOW_THEREPGY DE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is breedy acknowledged, we the eaid ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, and by these presents do hereby sell, assign, transfer and set over, and the said ASSIGNORS, have sold, assigned, transferred and set over, and by the self and a ASSIGNORS, assigns, our entire right, title and interest in, to and under the said invention, and the said United States application assigns, our entire right, title and interest in, to and under the said invention, and the said United States and all divisions, assigns, our entire right, and a polications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be field for said invention in any country or countries foreign to the United States, and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificate application and the right to claim for the same the priority rights derived from said United States, and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificate application, and all forms of industrial property protection in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as affersated, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument. AND WE	 which is identified by Pennie & Edmonds ⊥ docket no. 10177-020-999 which was filed on July 2, 2001, Application No. 09/897,483
consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and the presents do hereby sell, assign, transfer and set over, unto the said ASSIGNORS, have sold, assigned, transferred and set over, and the said ASSIGNORS, have sold, assigned, transferred and set over, and the said which the said continued the said invention, and the said United States application and all divisions, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, assigned, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, and designs which may hereafter be filled for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said forms of industrial property protection, including, without limitation, patents, utility models, inventors certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all forms of industrial property protection, including, without limitation, patents, utility models, inventors certificates and designs which may be granted for said invention in any country or countries foreign to the United States, whose duty it is to issue patents or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument. AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith. AND WE HEREBY further coverant and sagree that we have full right to convey the patents of	and WHEREAS, Boston Scientific Corporation, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:
Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as a aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument. AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith. AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries. IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures. Date	and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;
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representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries. IN TESTIMONY WHEREOF, We hereunto set out hands and seals the day and year set opposite our respective signatures. Date	AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.
Date	representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention
State of County of Middlesex SS.: On Control of Middlesex On Control of Middlesex SS.: On Control of Middlesex SS.: On Control of Middlesex Define me, Control of Middlesex Notary Public, personally appeared on the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. WITNESS my hand and official seal WITNESS my hand and official seal State of On	IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.
State of County of Middlesex On Cotaler 1,114, 2001, before me, Cle R. Dey , Notary Public, personally appeared	Date[0] 17 01
On States 1,742, 2001, before me, SERI NEW Notary Public, personally appeared person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. State of SS:: On	Date, 2001
On Other 17th, 2001, before me, Seri Wey , Notary Public, personally appeared, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. WITNESS my hand and official seal On, 2001, before me,, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf	State of) SS.:
State of On, 2001, before me,, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf	On October 13th, 2001, before me, CELLOEL, Notary Public, personally appeared subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
On, 2001, before me,, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf	WITNESS my hand and official seal
his/her/their authorized capacity(les), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf) SS.:
WITNESS my hand and official seal	his/her/their authorized capacity(les), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf

ASSIGNMENT

WHEREAS, WE, Dean A. Schaefer, David Paulk, and John Sherry, ASSIGNORS, citizens of the United States, residing at 196 Alton Mt. Rd., Alton, New Hampshire; 19 Bensway Hopedal, MA; and 480 Pleasant St., Wartertown, MA, are the inventors of the invention in TUMOR ABLATION NEEDLE WITH INDEPENDENTLY ACTIVATED AND INDEPENDENTLY TRAVERSING TINES for which we have executed an application for a Patent of the United States					
□ which is executed on □ even date herewith or □					
 which is identified by Pennie & Edmonds LLP docket no. 10177-020-999 which was filed on July 2, 2001, Application No. 09/897,483 					
and WHEREAS, Boston Scientific Corporation, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:					
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;					
AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.					
AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.					
AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.					
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.					
Date					
Date October 2 , 2001 San R. Pan L.S.					
Date, 2001					
State of)					
County of SS.:					
on October 2, , 2001, before me, Jaraine a. Bud Notary Public,					
personally appeared David Faulk, personally known to me on the basis of satisfactory evidence to be					
the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon					
minimum ment and an appearing (100), and mail of moration of graduate (b) of the installment the person(s), of the chirty upon					

WITNESS my hand and official seal

My Commission Exprise: 10.04.02

behalf of which the person(s) acted, executed the instrument.

State of) SS.:			
County of)			
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